Notice of Allowability	Application No.	Applicant(s)	
	09/909,992	ALLEN, SUSAN DAVIS	
	Examiner	Art Unit	
	Gentle E. Winter	1746	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm GHTS. This application is	n this application. If not included nunication will be mailed in due course.	THIS initiative
1. This communication is responsive to <u>paper 121703</u> .			
2. The allowed claim(s) is/are <u>1-13</u> .			
3. \boxtimes The drawings filed on <u>27 August 2001</u> are accepted by the	Examiner.		
 4. Acknowledgment is made of a claim for foreign priority una) a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Applicati	on No	n the
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to fil ENT of this application.	e a reply complying with the requireme	nts
5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXes reason(s) why the oath o	AMINER'S AMENDMENT or NOTICE or declaration is deficient.	OF
 CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the 	on's Patent Drawing Revie Amendment / Comment on 84(c)) should be written on ne header according to 37 C	r in the Office action of the drawings in the front (not the back) o FR 1.121(d).	
 DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT I 			
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/06 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No 8), 7. ⊠ Examiner's	nformal Patent Application (PTO-152) Summary (PTO-413), /Mail Date s Amendment/Comment s Statement of Reasons for Allowance	

Page 2

Application/Control Number: 09/909,992

Art Unit: 1746

cu.

Election/Restrictions

- This application contains claims drawn to an invention nonelected with traverse in Paper
 No. 9. As was noted in paper 121503, the non-elected claims would subject to cancellation
- Applicant has requested that claims 14-21 be rejoined, based on the argument that claim
 14 is a proper linking claim pursuant to MPEP 809. Arguments appear in paper 100303.
- 3. The restriction is still deemed proper for the reasons of record. The period for petitioning the restriction requirement is past and as such, the claims are cancelled by examiner's amendment.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Non-elected claims 14-21 have been cancelled without prejudice.

Information Disclosure Statement

5. References W and Y were submitted with paper 041604. The documents have been considered.

Reasons For Allowance

6. The following is an examiner's statement of reasons for allowance:

Application/Control Number: 09/909,992

Art Unit: 1746

7. Referring to the prior art of record, the claims, and the prosecution history, the reasons for allowance are believed to be clear. Of special relevance is Applicants' contextual claiming of a secondary, externally applied temperature gradient sufficient to prevent particle redeposition. The prior art of record fails to contextually teach this.

Claim Rejections - 35 USC § 102--Withdrawn

- 1. Claim 1-3, 6-9, 10, and 11 were rejected under 35 U.S.C. 102(b) as being anticipated by the reference: J. Appl. Phys., Vol 71, No. 7, 1 April 1992, to Tam et al. Hereinafter (RR, corresponding to its IDS reference identifier).
- 2. The RR reference fails to disclose a secondary, externally applied temperature gradient sufficient to prevent particle redeposition.

Claim Rejections - 35 USC § 103—Withdrawn

- 3. Claims 4, 5, 12, and 13 were rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of RR and United States Patent No. 4,987,286 to Allen (Allen).
- 4. The aggregated references apparently fail to contextually disclose the heating and cooling source separate from the energy source to prevent particle redeposition.
- 5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

Application/Control Number: 09/909,992

Art Unit: 1746

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Gentle E. Winter whose telephone number is (571) 272-1310.

The examiner can normally be reached on Monday-Friday 7:00-3:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Randy P. Gulakowski can be reached on (571) 272-1302. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Questions on access to the Private PAIR system, should

be directed to the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Gentle E. Winter

Examiner

Art Unit 1746

June 14, 2004

RANDY GULAKOWSKI SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 1700

Page 4